

Amendments to the Claims:

Please amend claims 1, 6 and 21 as follows. Please cancel claims 2, 5, 7, 10, 12, 15, 17, 20 and 22. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A medical aspiration system, comprising:
a pump; and,
a non-linear flow restrictor coupled to said pump, said non-linear flow restrictor has a plurality of bends that change the direction of fluid flow to create a non-linear relationship between a fluid pressure and a fluid flowrate maintains an essentially same diameter during a variation in pump pressure.

Claim 2 (canceled)

Claim 3 (original) The system of claim 1, wherein said pump is a peristaltic device.

Claim 4 (original) The system of claim 1, wherein said pump is a venturi device.

Claim 5 (canceled)

Claim 6 (currently amended) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
a pump coupled to said handpiece; and,
a non-linear flow restrictor coupled to said pump and said handpiece, said non-linear flow restrictor has a plurality of bends that change the direction of fluid flow to create a non-linear relationship between a fluid pressure and a fluid maintains an essentially same diameter during a variation in pump pressure.

Claim 7 (canceled)

Claim 8 (original) The system of claim 6, wherein said pump is a peristaltic device.

Claim 9 (original) The system of claim 6, wherein said pump is a venturi device.

Claim 10 (canceled)

Claim 11 (original) A medical aspiration system, comprising:
pump means for creating a flow of fluid that has a pressure and a flowrate; and,
flow restrictor means for creating a non-linear relationship between variations in the
pressure and the flowrate of the fluid.

Claim 12 (canceled)

Claim 13 (original) The system of claim 11, wherein said pump means includes a
peristaltic device.

Claim 14 (original) The system of claim 11, wherein said pump means includes a
venturi device.

Claim 15 (canceled)

Claim 16 (original) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
pump means for creating a flow of fluid that has a pressure and a flowrate; and,
flow restrictor means for creating a non-linear relationship between variations in the
pressure and the flowrate of the fluid.

Claim 17 (canceled)

Claim 18 (original) The system of claim 16, wherein said pump is a peristaltic
device.

Claim 19 (original) The system of claim 16, wherein said pump is a venturi device.

Claim 20 (canceled)

Claim 21 (currently amended) A method for aspirating fluid in a medical system,
comprising:

creating a flow of fluid that has a pressure and a flowrate; and,
restricting the flow of fluid in a tube by changing a direction of fluid flow a plurality of times
so that a variation in the pressure will create a non-linear change in the flowrate while
maintaining essentially a same tube diameter.

Claim 22 (canceled)